

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	10/588753.app.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/10/30 11:56
S2	75	(US-20070143954-\$). did. or (US-4706325-\$ or US-5778485-\$ or US- 5255408-\$ or US- 3239868-\$ or US- 4378610-\$ or US- 3780391-\$ or US- 2920987-\$ or US- 6199244-\$ or US- 3395042-\$ or US- 4197610-\$ or US- 2220224-\$ or US- 3204282-\$ or US- 5537711-\$ or US- 5029361-\$ or US- 4901394-\$ or US- 5054156-\$ or US- 3691582-\$ or US- 5928434-\$ or US- 3636662-\$ or US- 4742594-\$ or US- 3418673-\$ or US- 6944904-\$ or US- 4080683-\$ or US- 5957700-\$ or US- 5319820-\$ or US- 6370720-\$).did. or (US- 5649828-\$ or US- 6895627-\$ or US- 3858265-\$ or US- 3986223-\$ or US- 3915737-\$).did. or (US- 3054130-\$ or US- 1773961-\$ or US- 1940954-\$ or US- 2380550-\$ or US- 3163943-\$ or US- 1487052-\$).did. or (JP- 04053519-\$ or JP- 04180720-\$).did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/11/04 11:04
S3	7	S2 and (ion ioniz\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/11/04 11:10

S4	52	("2015583"   "2920987"   "3097971"   "3128492"   "3395042"   "3470576"   "3668008"   "3780391"). PN. OR ("3395042"   "3915737"   "3986223"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/04 11:14
S5	25	S4 and (ion ioniz\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/11/04 11:16
S6	14	("1237047"   "3128492"   "3395042"   "3882568"   "3986223"). PN. OR ("4268934"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/04 11:36
S7	4	"3915737".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/11/04 11:45
S8	6	("20010041442"   "20020004354"   "6186873").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/11/04 14:23
S9	1	11/487332.app.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/11/04 16:11
S10	6	("6370720" "5778485" "6131235").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/05/18 10:42
S11	1459	15/77.cds.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/05/18 10:43
S12	15	15/77.cds. and brush and (ion\$4) and ((worm screw) near3 (shaft\$3 gear\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/05/18 10:44
S13	50	15/77.cds. and brush and ((worm screw) near2 (shaft\$3 gear\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/05/18 10:47
S14	37	S13 not S12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/05/18 10:47

S15	2	15/88.4.ccls. and brush and (ion\$4) and ((worm screw) near3 (shaft\$3 gear\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/05/18 10:53
S16	16	15/88.4.ccls. and brush and ((worm screw) near2 (shaft\$3 gear\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/05/18 10:53
S17	16	S15 S16	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/05/18 10:53
S18	308	15/88.4.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/05/18 10:55
S19	34	("2015583"   "2920987"   "3097971"   "3128492"   "3395042"   "3470576"   "3668008"   "3780391"   "4835808"   "5265298"   "5421901"   "5457847"   "5991965"   "6205676"). PN. OR ("3915737"   "3986223"   "6543078"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/18 11:05
S20	31	("3395042").URPN.	USPAT	OR	OFF	2010/05/18 11:06
S21	6	("20020180880"   "5828918"   "6543078"). PN. OR ("7057642"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/18 11:12
S23	3	15/1.51.ccls. and brush and ((worm screw) near2 (shaft\$3 gear\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/05/18 11:17
S24	8	15/1.51,77,88.4.ccls. and brush and (linear adj actual\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/05/18 11:18
S25	2288	15/1.51,77,88.4.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/05/18 11:20
S26	9	15/1.51,77,88.4.ccls. and brush\$4 and (linear adj actual\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/05/18 11:20

S27	1	S26 not S24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/05/18 11:20
S28	5	15/1.51.ccls. and ((worm screw) near2 (shaft\$3 gear\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/05/18 12:20
S29	2	15/1.51.ccls. and (linear adj actuat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/05/18 12:20
S30	7	S28 S29	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/05/18 12:21
S31	575	15/1.51.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/05/18 12:24
S32	3	15/1.51,77,88.4.ccls. and (stationary near2 (workpiece (work adj piece)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/05/18 12:37
S33	5	("1829589").PN. OR ("3919733").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/18 12:42
S34	19	("1325296"   "1642440"   "2827749"   "3100907"   "4226034"   "4689749").PN. OR ("4941230").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/18 12:54
S35	105	"15".clas. and (brush \$4) and (linear near actuat\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/18 13:26
S36	109	"15".clas. and (brush \$4) and (linear\$4 near actuat\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/18 13:26
S37	0	15/88.4.ccls. and (linear \$4 near actuat\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/18 13:27
S38	0	15/88.4.ccls. and (linear \$4 near\$3 actuat\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/18 13:27
S39	279	15/88.4.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/18 13:27
S40	308	15/88.4.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/05/18 13:27
S41	111	"15".clas. and (brush \$4) and (linear\$4 near actuat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/05/18 13:28

S42	0	("7598978").URPN.	USPAT	OR	OFF	2010/05/18 17:20
S43	3	("20070188649"   "7057642"   "7324148"). PN. OR ("7598978"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/18 17:21
S44	71	15/1.51,77,88.4.ccls. and ((driving drive\$4 lead ball) near2 screw \$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/05/18 17:26
S45	10	("2751617"   "3457576"   "3999239"   "4165549").PN. OR ("4208754").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/18 17:50
S46	0	"JP 2004-018702"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/05/18 17:58
S47	2	"JP 2004018702"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/05/18 17:58
S48	20587969	JP 2004-018702	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/05/18 17:59
S49	4	2004-018702	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/05/18 17:59
S50	296	(corona adj discharge) same (compres\$4 adj (air gas))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/05/19 10:56
S51	131630	"15".das.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/05/19 10:57
S52	6	S50 and S51	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/05/19 10:57
S53	298	(air adj knife) with (compres\$4 adj (air gas))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/05/19 11:07
S54	11	S51 and S53	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/05/19 11:07

S55	256	"15".clas. and ((lead ball) near2 screw\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/05/19 14:30
S56	150	"15".clas. and ((lead ball) near2 screw\$4) and brush\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/05/19 14:30
S57	10	("2751617"   "3457576"   "3999239"   "4165549").PN. OR ("4208754").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/19 14:37

**EAST Search History (Interference)**

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